Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 11 Aug 2023 until 23:59 on Saturday 12 Aug 2023

Forecast Issued on Thursday 10 Aug 2023 at 15:10

Confidence: High confidence for a trend towards cooler and more unsettled conditions into the weekend and beyond. Lower confidence in the details of showers or rain.

Headline for Friday 11 Aug 2023: Warm, sunny spells and a few isolated showers after a cloudy start.

Mountain weather hazards on Friday 11 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Dull	Sunny intervals	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
60%	20%	10%	10%	20%	40%	20%	<05%

Forecast for Friday 11 Aug 2023

Weather: Cloud and overnight showery rain clearing through during the early hours. Gradually brightening up through the morning allowing sunny spells to develop widely. Chance of a few well-scattered showers developing through the afternoon. Any showers are expected to be short-lived, blowing through quickly given the fresh and blustery winds. Dry by the evening, with skies largely clear overnight.

Chance of cloud-free hill tops above 600m: 30% initially, mainly in the northwest. Improving around sunrise to 80%.

Low cloud and visibility: Low cloud, with bases around 400-600m, will clear in the early morning. Scattered cloud amounts through the rest of the day will remain above summits. Chance of a few scraps on the highest summits in the vicinity of showers. Visibility good or very good, but moderate to poor in early rain and moderate in any showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 11 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 SW	20/27 SW	19/26 SW	19/27 SW	19/27 SW	19/27 SW	17/23 SW	14/21 SW	18/27 SW
300	13/21 S	16/23 SW	13/20 SW	15/22 SW	17/25 SW	15/23 SW	12/19 SW	11/18 SW	14/23 SW
Valley	7/19 S	10/23 SW	9/21 SW	11/22 W	12/24 SW	12/22 SW	9/19 SW	7/19 SW	9/22 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/13	15/11	14/10	14/10	16/12	17/13	15/12	13/11	12/8
300	18/16	17/14	16/14	17/14	19/15	20/16	18/16	16/14	14/12
Valley	18/18	17/16	16/15	18/16	20/17	21/18	18/17	16/15	14/13
Freezing Level*	3200m	3000m	2200m	2100m	2300m	2500m	2500m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels are expected to be moderate to high, especially in bright or sunny spells, so sun protection is advisable. Feeling blustery on elevated or exposed routes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 09 Aug 2023	0mm	0mm	0.2mm

Forecast for Saturday 12 Aug 2023

Weather: Cloud building through the morning with bright spells and scattered showers developing. Showers perhaps becoming more widespread and heavier by the afternoon with a risk of thunder. Showers largely fading late on. Cooler.

Maximum wind: Southwest 20-25mph, gusting 30-35mph. Easing late on to 15mph.

Chance of cloud-free hill tops above 600m: 90%, lowering to 60% in showers.

Low cloud and visibility: Cloud bases are generally expected to be above the height of the hills. However, bases may lower in the vicinity of showers to 600-800m, briefly shrouding summits and higher routes. Visibility generally very good, but moderate to poor in any heavier showery downpours.

Temperature: **Valleys:** Plus 14 Celsius, rising to Plus 20 Celsius.
At 600m: Plus 12 Celsius, rising to Plus 17 Celsius.
Freezing level: Remaining well above summits throughout.

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